

# Complexity

FIGURE 1

# Complexity

FIGURE 2

1. G. Nienhuis and L. Priggo, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Chacón, "Nonlinear production of chaotic microwave," *Physica D* 55, pp. 555-556, 1989.
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4. H. Goldstein, "Scattering in propagation of plane radio waves," In: D.B. Kerkhof, editor, *MTP Radiation Laboratory Series*, Vol. 13, Section 6.6, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIGURE 3

1. G. Nicolis and L. Prigogine, "Explaining Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Chassignet, "Nonlinear predictability of chaotic time series," *Physica D* 55, pp. 555-566, 1989.
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4. H. Goldstein, "Sea echo in propagation of short radio waves," in R. K. Kerr, editor, *ML Radiation Laboratory Series*, Vol. 13, Section 6.6, McGraw-Hill, 1961.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIGURE 4

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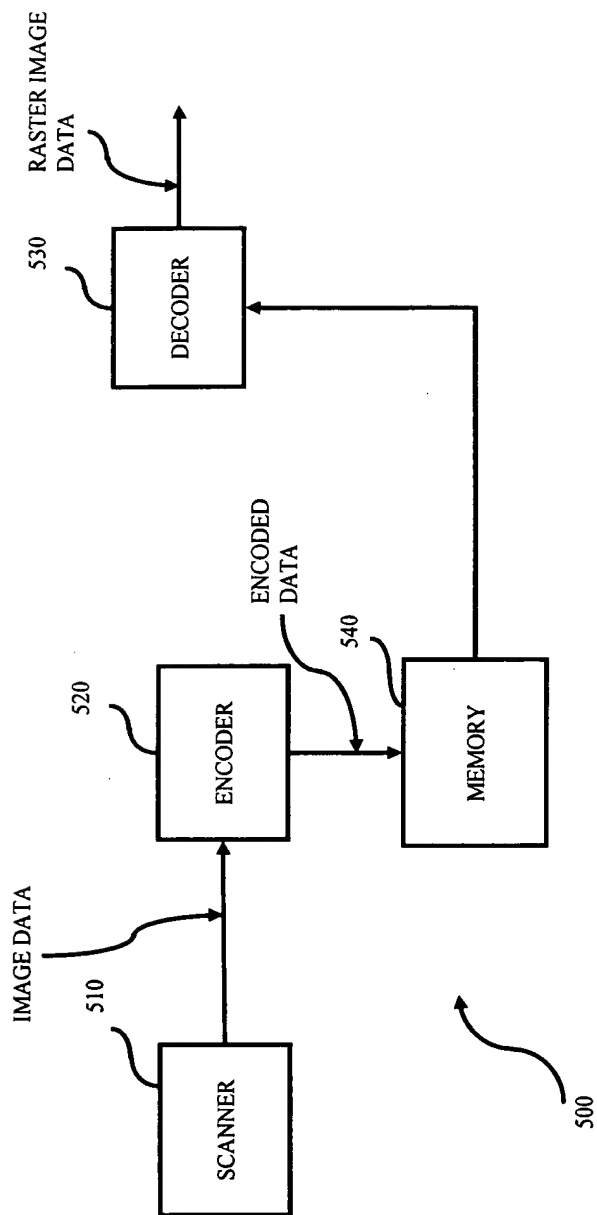


FIGURE 5



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Figure 12

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Figure 13

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casaghi, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 335-366, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CH4408*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," in D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1961.
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Figure 14

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casaghi, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 335-366, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CH4408*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," in D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1961.
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Figure 15

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casaghi, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 335-366, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CH4408*, Vol. 7, No. 4, pp. 777-802, December 1997.
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5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

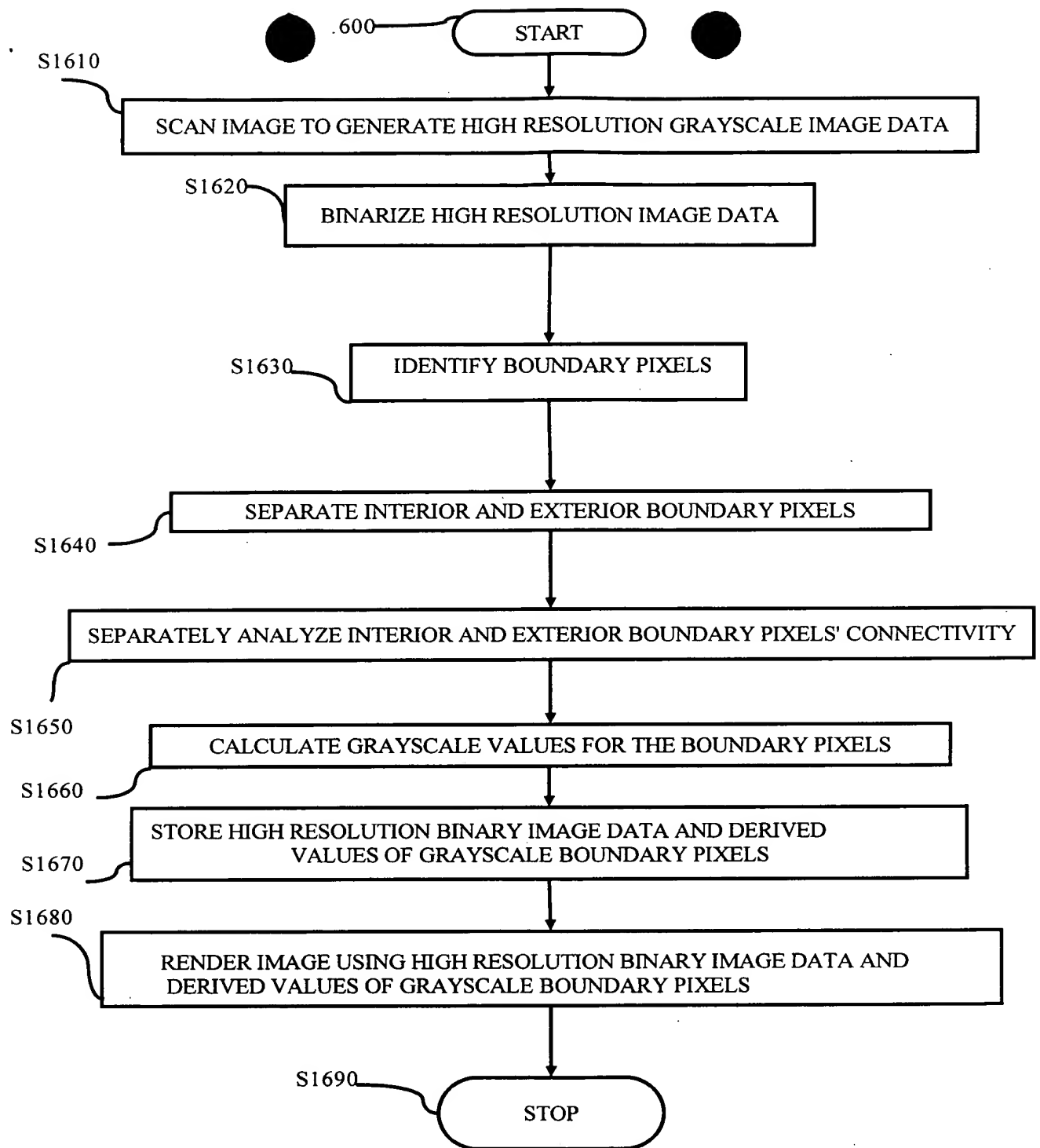


Figure 16

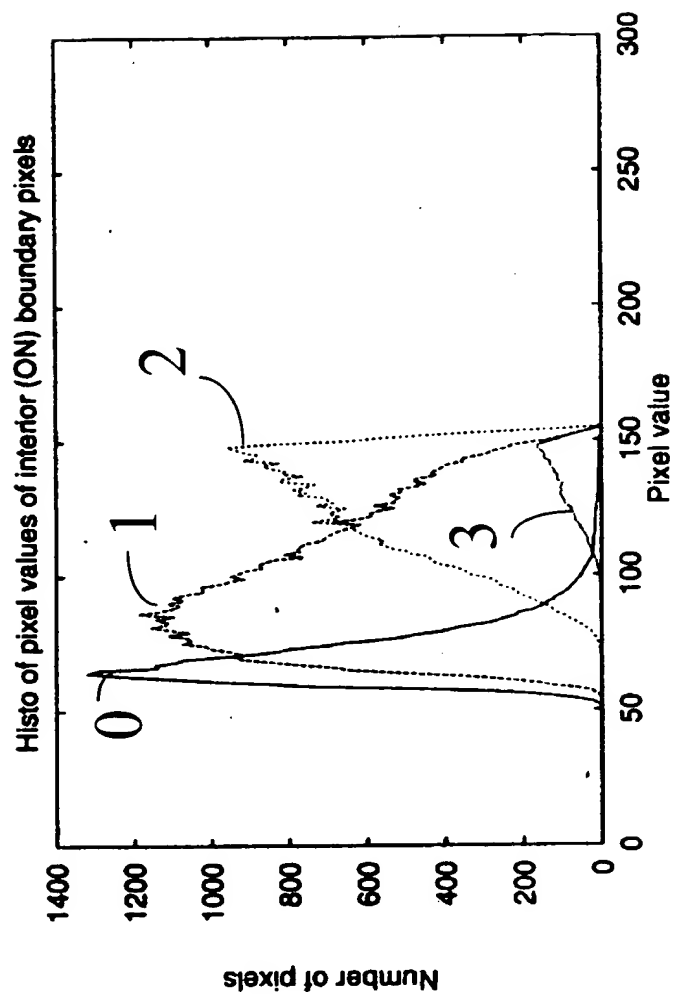


Figure 17





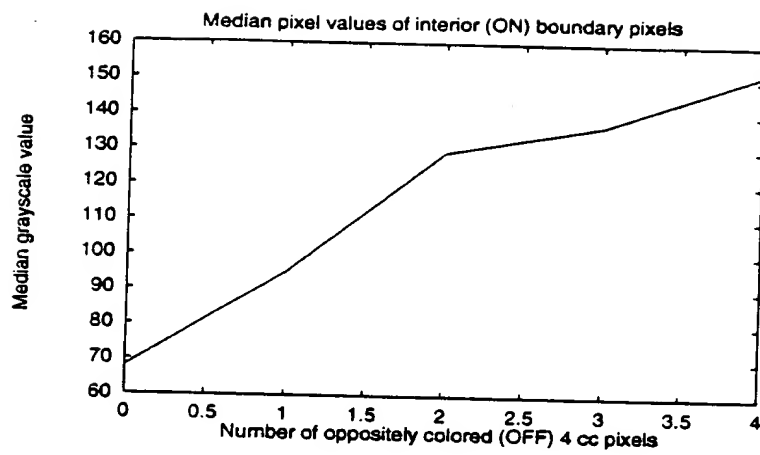


Figure 19

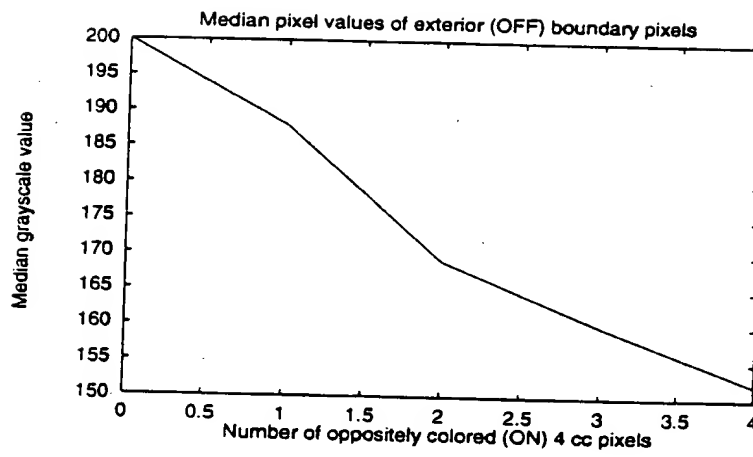


Figure 20

# Complexity

FIGURE 21

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 355-456, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOSS*, Vol. 7, No. 4, pp. 777-802, December 1997.
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5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIGURE 22

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FIGURE 23

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 355-456, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOSS*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," In: D.K. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1961.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIGURE 24

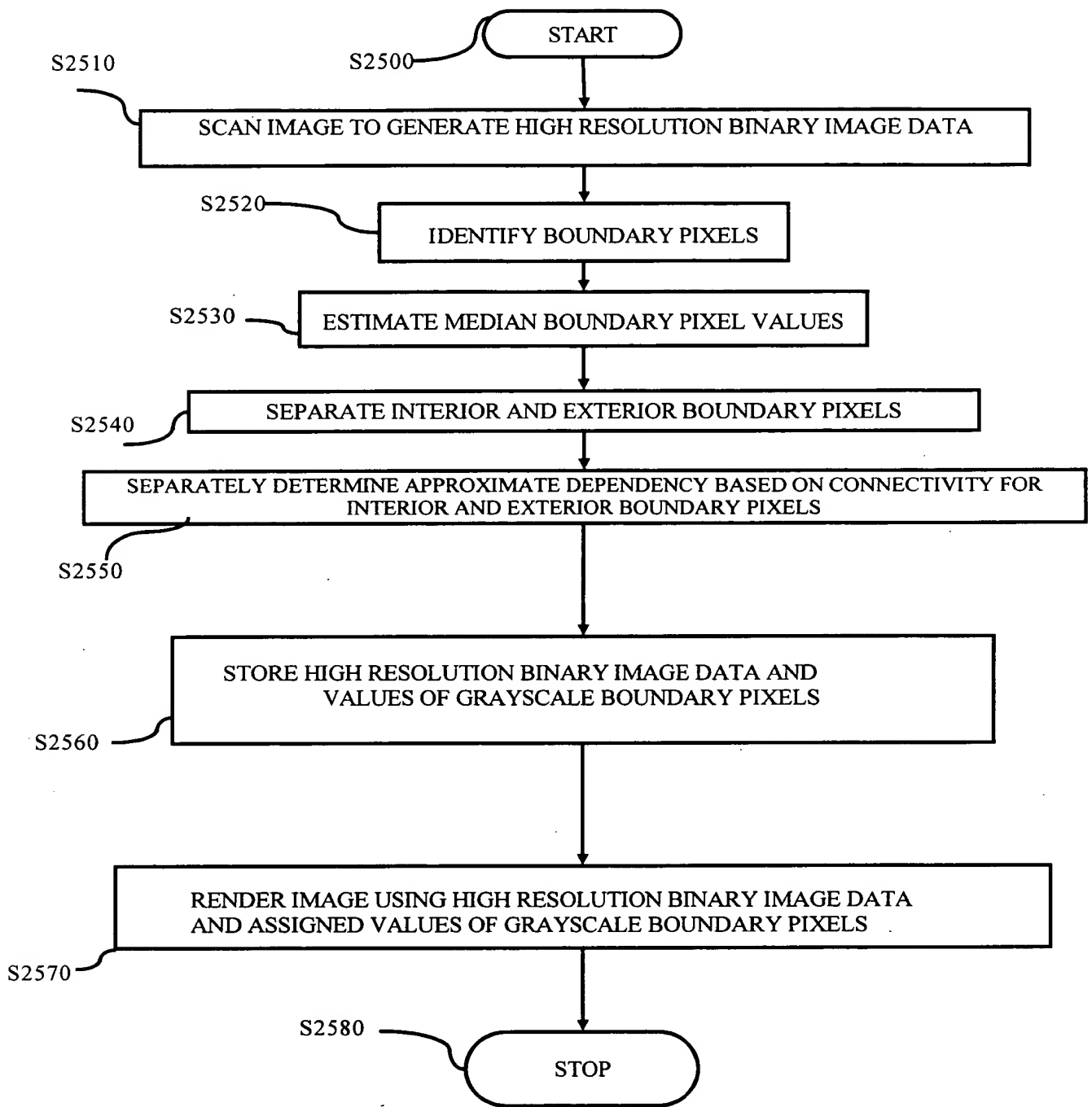


Figure 25

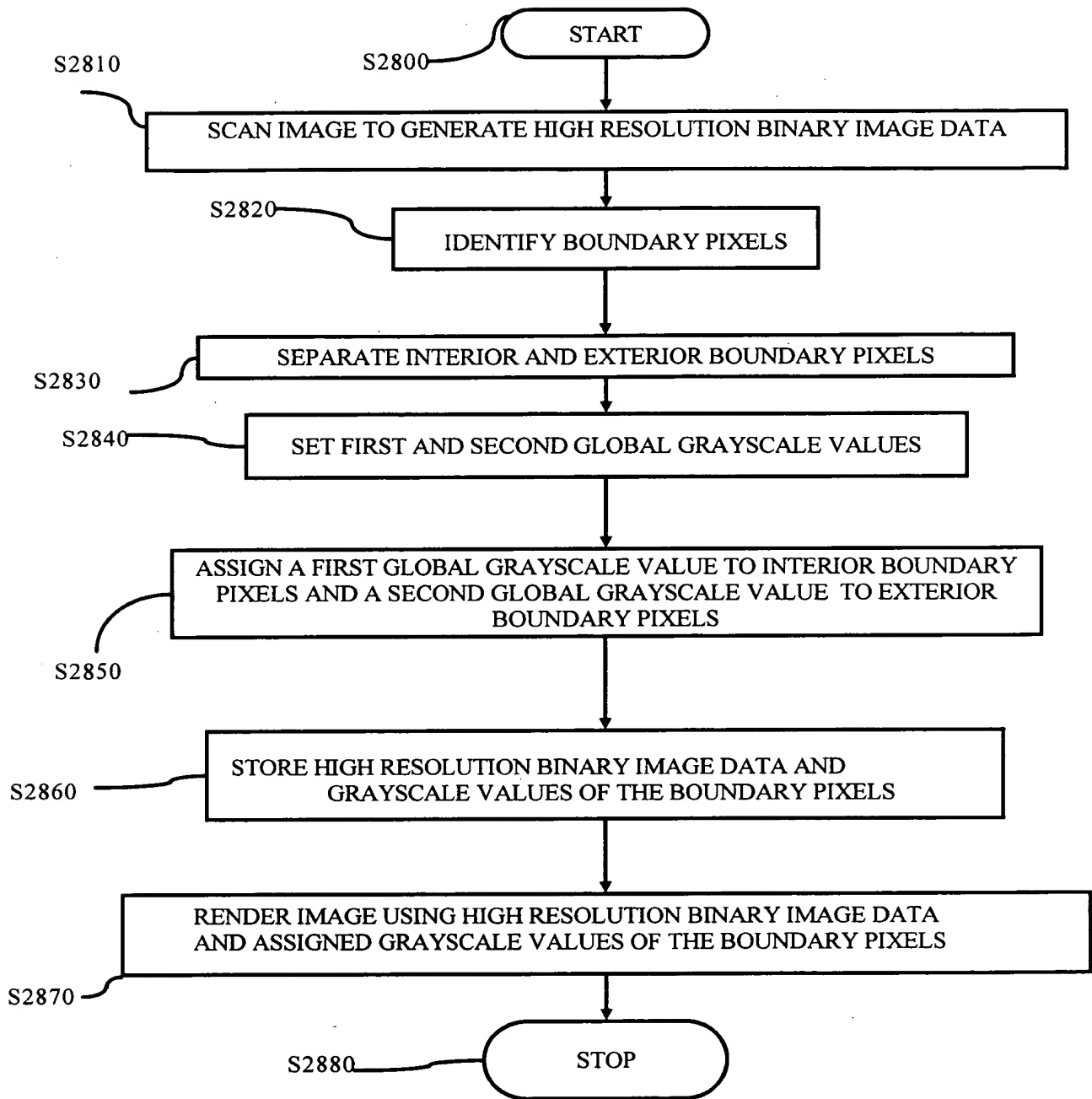
# Complexity

FIGURE 26

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Cwikel, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 255-256, 1989.
3. S. Haykin and S. Pefanis, "Chaotic dynamics of sea clutter," *CHAOSS*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," in D.R. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1958.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIGURE 27

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**Figure 28**

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FIGURE 29

1. G. Nicolis and L. Prigogine, "Explaining Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 555-586, 1989.
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FIGURE 30

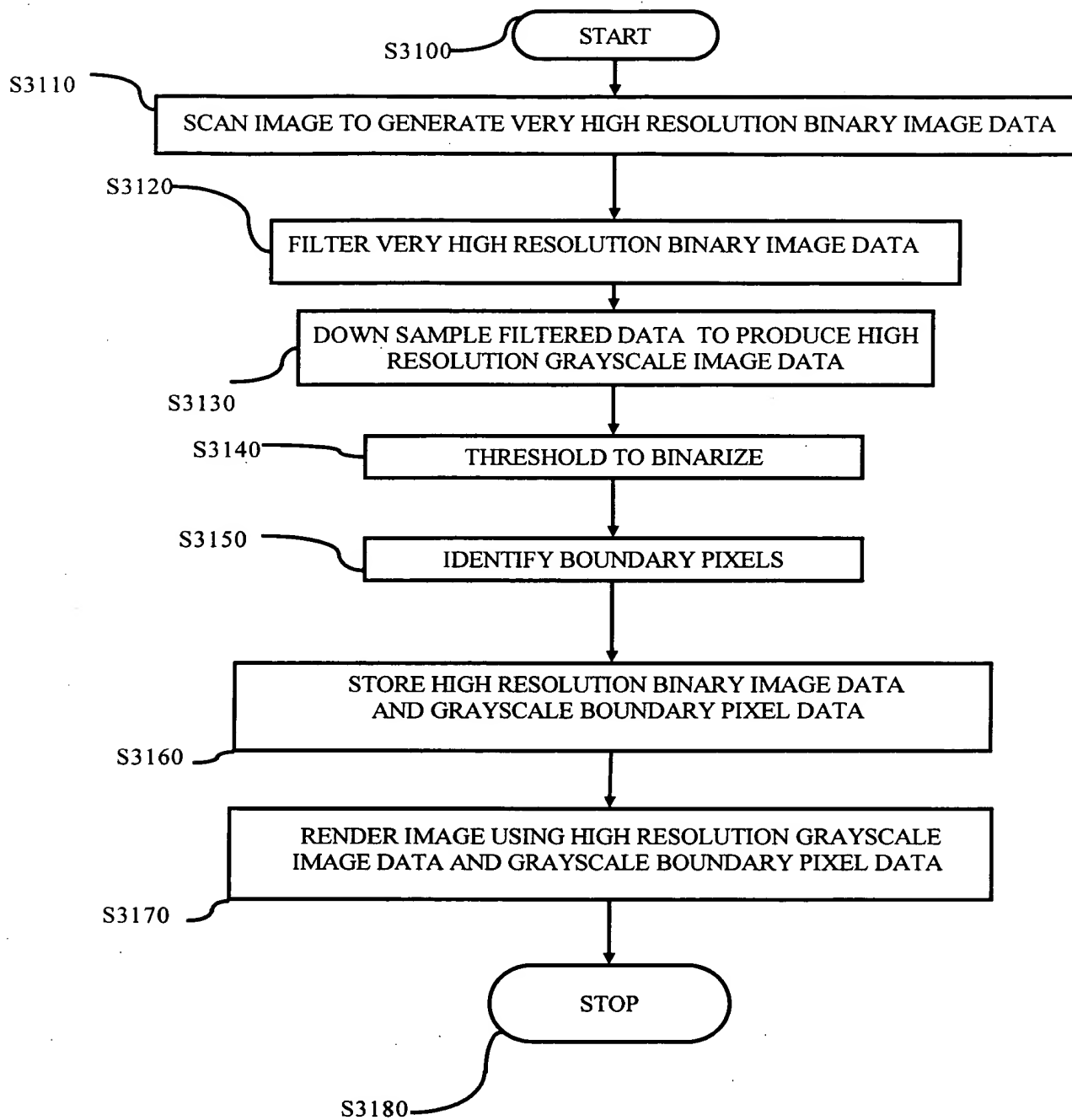


Figure 31



[illegible]

FIGURE 33

1. G. Nicolis and L. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Crutchfield, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 335-386, 1989.
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